Directive concerning the storage of flammable liquids on premises

LEX 1.5.7

10 June 2013, Status as at 31th August 2018

The Direction of the Ecole polytechnique fédérale de Lausanne hereby adopts the following:

Section 1 Definition and guidelines

A flammable may be a pure substance or a mixture.

- ¹ Physical separation (in separate storage cabinets) according to chemical incompatibilities (see table in annex) must always be respected during storage¹.
- ² Items must be stored in ventilated cabinets of the El90 type (EN-14770-1 certified).
- ³ All liquids must be stored in sealed containers.
- ⁴ These sealed containers must be stored in retention trays.

Article 1 Storage

- ¹ The storage of flammable liquid in non-ventilated premises is prohibited.
- ² In ventilated premises, flammable liquids must be stored in ventilated cabinets, in containers with a maximum volume of 3 litres.
- ³ A maximum quantity of 15 litres of flammable liquid is authorised outside of ventilated cabinets.
- ⁴ A maximum quantity of 100 litres of flammable liquid is authorised inside the laboratory's fire-resistant ventilated cabinets (metallic, chipboard).
- ⁵ A maximum quantity of 150 litres of flammable liquid is authorised inside fireproof ventilated cabinets of the EI90 type (EN-14770-1 certified).

Article 2 Waste

- ¹ Flammable chemical waste must be stored in a ventilated area.
- ² Waste containers must be taken to your School's chemical waste collection point at least once every two months, or when the containers reach 80% of their capacity.

Section 2 In case of accident

Article 3 Alarm

Call 115 (or 021.693.30.00 from a mobile telephone) immediately and gather information concerning the product or mixture that caused the accident.

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¹ Cf. Directive sur les Liquides inflammables. Entreposage et manipulation (# 1825)

Cf Directive sur les Laboratoires chimiques (# 1871)

Cf Material Safety Data Sheet

Section 3 Final provisions

Article 4 Entry into force

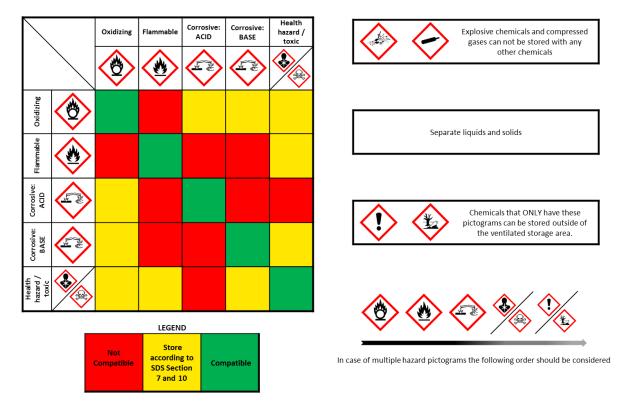
The present directive entered into force on 10th June 2013. Version 1.3, status as at 31th August 2018.

On behalf of the EPFL Direction:

President: Martin Vetterli General Counsel: Susan Killias

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Annex: Table of chemical incompatibilities



Note that two chemicals can have the same pictogram and still be incompatible!

Example: Acetic acid and triethylamine are both flammable, but cannot be stored together because they are an acid and a base.

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